# Release notes for ENDF/B Development dec-084_Po_212 evaluation



October 13, 2016

- `fizcon`  Errors:

  1. At least one gamma ray needed for given source mode
     *MAT=3233, MF= 8, MT=457 (1): Need gamma ray*

     ```
     ERROR(S) FOUND IN MAT=3233, MF= 8, MT=457
         GAMMA RAY NEEDED, SOURCE MODE=     4
     ```

  2. Energies released in decay not adding up!
     *MAT=3233, MF= 8, MT=457 (2): Bad energy sum*

     ```
     ERROR(S) FOUND IN MAT=3233, MF= 8, MT=457
         PARTICLE ENERGY (AE) SUMUP FAILURE
             WHOLE= 8.95061E+06  SUM= 8.78486E+06        SEQUENCE NUMBER     2
     ```

  3. Energies released in decay not adding up!
     *MAT=3233, MF= 8, MT=457 (3): Bad energy sum*

     ```
     ERROR(S) FOUND IN MAT=3233, MF= 8, MT=457
         ALPHA AVERAGE ENERGY SUMUP FAILURE
             WHOLE= 8.78486E+06  SUM= 8.95392E+06
     ```